

EXHIBIT L

ITU-R and ITU-T Recommendations Patent Statement**48 item(s) match following criteria:****Search for ITU-R and ITU-T Recommendations Patent Statement**

Patent holder/organization:

Country:

Licensing option:

All

Recommendation (or draft):

G.992.3

Patent country:

Patent number:

Patent application number:

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Statement Id	Recommendation	Patent number	Patent application number	Version of declaration form	License option	Received date	Statement date	Organization
G992_3-01	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	01 January 1999 (Individual)	2	2001-10-04	2001-10-03	Tioga Technologies
G992_3-02	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	01 January 1999 (Individual)	2	2001-10-15		Aware, Inc.
G992_3-03	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	01 January 1999 (Individual)	2	2002-05-07	2002-04-29	Catena Networks, Inc.
G992_3-04	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	01 January 1999 (Individual)	2	2002-07-17	2002-07-12	Motorola Inc.
G992_3-05	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	01 January 1999 (Individual)	2	2003-10-20	2003-10-17	Broadcom Corporation
G992_3-06	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	01 January 1999 (Individual)	2	2003-10-20	2003-10-14	Fujitsu Ltd.
G992_3-07	G.992.3 (ex. G.dmt.x, G.dmt.bis)	26 601 31	None	01 January 1999 (Individual)	2	2004-05-03	2004-04-14	France Telecom
G992_3-07	G.992.3 (ex. G.dmt.x, G.dmt.bis)	51 97 061	None	01 January 1999 (Individual)	2	2004-05-03	2004-04-14	France Telecom
G992_3-07	G.992.3 (ex. G.dmt.x, G.dmt.bis)	USRE36430	None	01 January 1999 (Individual)	2	2004-05-03	2004-04-14	France Telecom
G992_3-10	G.992.3 (ex. G.dmt.x, G.dmt.bis)	732 219	None	01 January 1999 (Individual)	2	2004-05-03	2004-04-30	Alcatel
G992_3-10	G.992.3 (ex. G.dmt.x, G.dmt.bis)	84 17 67	None	01 January 1999	2	2004-05-03	2004-04-30	Alcatel

	G.dmt.bis			(Individual)				
G992_3-10	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	09/90 65 31	01 January 1999 (Individual)	2	2004-05-03	2004-04-30	Alcatel
G992_3-10	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	902 577-1-3	01 January 1999 (Individual)	2	2004-05-03	2004-04-30	Alcatel
G992_3-10	G.992.3 (ex. G.dmt.x, G.dmt.bis)	6 327 273	None	01 January 1999 (Individual)	2	2004-05-03	2004-04-30	Alcatel
G992_3-10	G.992.3 (ex. G.dmt.x, G.dmt.bis)	6 370 156	None	01 January 1999 (Individual)	2	2004-05-03	2004-04-30	Alcatel
G992_3-10	G.992.3 (ex. G.dmt.x, G.dmt.bis)	2002-01 18 658-A1	None	01 January 1999 (Individual)	2	2004-05-03	2004-04-30	Alcatel
G992_3-10	G.992.3 (ex. G.dmt.x, G.dmt.bis)	6 246 725	None	01 January 1999 (Individual)	2	2004-05-03	2004-04-30	Alcatel
G992_3-10	G.992.3 (ex. G.dmt.x, G.dmt.bis)	6 693 881	None	01 January 1999 (Individual)	2	2004-05-03	2004-04-30	Alcatel
G992_3-10	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	75 39 48	01 January 1999 (Individual)	2	2004-05-03	2004-04-30	Alcatel
G992_3-10	G.992.3 (ex. G.dmt.x, G.dmt.bis)	5 790 550	None	01 January 1999 (Individual)	2	2004-05-03	2004-04-30	Alcatel
G992_3-10	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	10 41 731	01 January 1999 (Individual)	2	2004-05-03	2004-04-30	Alcatel
G992_3-10	G.992.3 (ex. G.dmt.x, G.dmt.bis)	6 606 719	None	01 January 1999 (Individual)	2	2004-05-03	2004-04-30	Alcatel
G992_3-19	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	12 98 907	01 January 1999 (Individual)	2	2004-05-03	2004-04-30	Alcatel
G992_3-24	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	01 January 1999 (Individual)	2	2004-04-27	2004-04-26	Aware, Inc.
G992_3-25	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	01 January 1999 (Individual)	2	2005-01-04	2005-01-03	Aware, Inc.
G992_3-26	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	10 July 2004 (Individual)	2	2005-04-11	2005-04-04	Paradyne Corporation
G992_3-27	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	10 July 2004 (Individual)	2	2005-05-10	2005-05-09	Ciena Corporation
G992_3-28	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	10 July 2004 (Individual)	2	2006-08-08	2006-07-15	Freescale Semiconductor, Inc
G992_3-29	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	10/024,020	1 March 2007 (Individual, Common Text, General)	2	2007-07-04	2007-07-03	Nortel Networks Limited
G992_3-30	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	1 March 2007 (Individual,	2	2008-01-11	2008-01-09	Cisco Systems, Inc.

				Common Text, General)				
G992_3-31	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	1 March 2007 (Individual, Common Text, General)	2	2008-12-05	2008-12-05	Aware, Inc.
G992_3-32	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	23 April 2012	2	2014-05-19	2014-05-13	TQ DELTA, LLC
G992_3_Amd1-01	G.992.3 (ex. G.dmt.x, G.dmt.bis)	EP 1005755	None	01 January 1999 (Individual)	2	2003-04-08	2003-03-26	Intel Corporation
G992_3_Amd1-02	G.992.3 (ex. G.dmt.x, G.dmt.bis)	EP 1005755	None	01 January 1999 (Individual)	2	2003-05-05	2003-05-05	Nokia Corporation
G992_3_Amd1-03	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	1 March 2007 (Individual, Common Text, General)	2	2010-01-15	2010-01-15	Aware, Inc.
G992_3_Amd2-01	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	1 March 2007 (Individual, Common Text, General)	2	2010-06-09	2010-06-08	Aware, Inc.
G992_3_Amd2-02	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	1 March 2007 (Individual, Common Text, General)	2	2010-06-10	2010-06-08	Aware, Inc.
G992_3_Amd3(2010_10)-01	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	1 March 2007 (Individual, Common Text, General)	2	2010-10-22	2010-10-22	Aware, Inc.
G992_3_Amd3,4-01	G.992.3 (ex. G.dmt.x, G.dmt.bis)	EP 1005755	None	15 June 2002 (Common Text)	2	2004-06-11	2004-06-11	Nokia Corporation
G992_3_Amd3-01	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	28 June 2006 (Individual, Common Text, General)	2	2006-12-13	2006-12-11	Adaptive Spectrum and Signal Alignment, Incorporated
G992_3_Amd4-02	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	01 January 1999 (Individual)	2	2007-06-27	2007-06-26	Aware, Inc.
G992_3_Amd4-03	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	1 March 2007 (Individual, Common Text, General)	2	2011-10-11	2011-10-11	Aware, Inc.
G992_3_Amd5-01	G.992.3 (ex. G.dmt.x,	None	None	01 January 1999	2	2008-02-26	2008-02-25	Aware, Inc.

	G.dmt.bis)			(Individual)				
G992_3_Amd5-02	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	1 March 2007 (Individual, Common Text, General)	2	2008-04- 09	2008-04- 09	Alcatel Lucent
G992_3_Cor_2-01	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	1 March 2007 (Individual, Common Text, General)	2	2011-02- 24	2011-02- 24	Aware, Inc.
G992_3_Cor_3-01	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	23 April 2012	2	2013-07- 23	2013-07- 17	TQ DELTA, LLC
Gdmtbis-01	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	01 January 1999 (Individual)	2	1999-06- 16	1999-06- 15	Alcatel
Gdmtbis-02	G.992.3 (ex. G.dmt.x, G.dmt.bis)	None	None	01 January 1999 (Individual)	2	2001-12- 10	2001-12- 07	Texas Instruments